

50x50mm Half Mirror Coaxial Light Blue

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Stock **#21-837** **1 In Stock**

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1

+

A\$4,968⁰⁰

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General	
LFV3-G-50BL	Model Number:
LED Illuminator	Type of Illumination:
CCS	Manufacturer:
Coaxial Light	Geometry:
Constant	Illumination Mode:

Physical & Mechanical Properties	
W 60 mm x D 84 mm x H 57 mm	Dimensions (mm):
285	Weight (g):
52 mm x 52 mm	Active Area (mm):
Optical Properties	
Blue	Color:
470	Wavelength (nm):
Electrical	
15	Power Consumption (W):
Hardware & Interface Connectivity	
24	Input Voltage (V):
Power Supply: Power Supply Required and Sold Separately. USA: #73-491 Europe: #73-491 Japan: #89-513 Korea: #33-773 China: #73-491	
Regulatory Compliance	
Exempt	RoHS 2015:
Contains SVHC(s)	Reach 224:
View	Certificate of Conformance:

Product Details

- Unique Design Prevents Ghost Images
- Available in Red, White, and Blue
- Ideal for Use with High Resolution Cameras

CCS High-Resolution Coaxial Lights are designed to provide diffused lighting for high-resolution imaging of shiny, flat surfaces. Designed to prevent ghost reflections and achieve higher system resolution, these coaxial lights integrate a unique thin beamsplitter to minimize deviation through in the imaging path. CCS High-Resolution Coaxial Lights are ideal for industrial imaging applications including inspection of glossy surfaces, pattern detection on PCBs, and measuring dimensions of glass.

Technical Information

Imaging Example: Imaging Comparison of Resolution Evaluation Chart



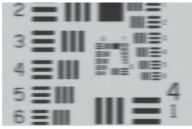
LFV3-50SW (A)

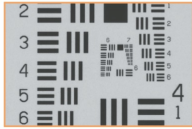


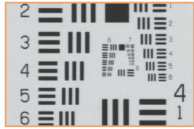
LFV3-G-27SW



LFV3-G-50X100SW







Imaging conditions) Camera: 2448x2048 3.45 μm monochrome camera, Lens: 2x telecentric lens, Field of view: 4.2 x 3.5 mm (the image is a cutout of about 1.3 x 1.0 mm at the center), Resolution: 1.7 μm/pixel , W/D: 110 mm, LWD: 25 mm. * The shutter speed and light intensity are adjusted for each image.